

In Fig. 8, link 818 has been inserted, and links 822 and 883 have been labeled.



IN THE SPECIFICATION

Please amend the specification as follows:

In page 39, line 18, please replace "230" with "--260--".

IN THE CLAIMS

Please add the following new claims:

1 --12. (New) An apparatus for facilitating the step-wise
2 migration of a telecommunication network containing a Mobile
3 Services Switching Center (MSC) from a mixed circuit-switched and
4 packet-switched network to an all packet switched network
5 comprising:
6 an access control server connected to at least one base
7 station, said at least one base station being in wireless
8 communication with at least one mobile station, said at least one
9 base station having a circuit-switched connection to said MSC,
10 whereby said access control server facilitates packetized
11 communications within said telecommunication network independent of
12 said MSC, said MSC facilitating only circuit-switched
13 communications within said telecommunication network.

1 13. (New) A method for providing packetized communications
2 within a telecommunication network having a Mobile Services
3 Switching Center (MSC), said method comprising the steps of:

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4 transceiving a packetized communication between at least one
5 mobile station and at least one base station;

6 processing, by an access control node within the
7 telecommunication network, said packetized communication, said
8 access control node being connected to said at least one base
9 station to transceive said packetized communication bypassing said
10 MSC.

1 14. (New) The telecommunication system according to claim 1,
2 wherein said at least one mobile station comprises a mixture of
3 legacy mobile stations and all-packetized mobile stations.

1 15. (New) The telecommunication system according to claim 1,
2 further comprising:
3 a Packet Authentication Center (PAC) in communication with
4 said access control server.

1 16. (New) The telecommunication system according to claim 15,
2 wherein said PAC contains subscriber profiles for authentication
3 and authorization of packet data.

1 17. (New) The telecommunication system according to claim 2,
2 further comprising:
3 a home location register (HLR) in communication with said
4 mobile services switching center.

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1 18. (New) The telecommunication system according to claim 1,
2 further comprising:

3 a packet data service network (PDSN) in communication with
4 said base transceiver station.

1 19. (New) The telecommunication system according to claim 18,
2 further comprising:

3 a home agent unit (HA) and an authorization, authentication,
4 and account unit (AAA) in communication with said PDSN.

1 20. (New) The telecommunication system according to claim 1,
2 further comprising:

3 a packet data service network (PDSN) and an authorization,
4 authentication, and accounting unit (AAA) in communication with
5 said access control server.

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1 21. (New) The telecommunication system according to claim 2,
2 further comprising:

3 a migratory interface to enable synchronization between said
4 access control server and said mobile services switching center.

1 22. (New) The telecommunication system according to claim 18,
2 wherein said PDSN is in communication with said base transceiver
3 station via a packet control function.